

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT APPLICATION

Entitled : A METHOD AND A DEVICE FOR OPTICALLY DETECTING  
THE POSITION OF AN OBJECT BY MEASURING LIGHT  
REFLECTED BY THAT OBJECT

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ABSTRACT OF THE DISCLOSURE

This detection method comprises: a step during which a receiver measures the quantity of light reflected by an object when the object is illuminated by an emitter for at least two different emitter - receiver pairs on the same side relative to the object, a step of calculating at least two characteristic values from the measured values, and a step of determining at least one position of the object by directly reading a table indexed by the two characteristic values, the content of said table being predetermined and set before said measurement step.